



Contribution ID : 678

Type : Oral

## Search for TeV gamma-rays from point sources with SPASE2

Wednesday, 4 July 2007 11:18 (0:12)

### Abstract content

The South Pole Air Shower Experiment (SPASE-2) began operation in 1996 and took data until it was decommissioned in December, 2006. We are currently analyzing some 200 million reconstructed events taken between 1997 and the end of 2006. In this paper we report on a search for 100 TeV gamma-rays from three specific Southern hemisphere point sources discovered by H.E.S.S. to have gamma-ray spectra that extend to beyond 10 TeV.

### If this papers is presented for a collaboration, please specify the collaboration

(\*) for IceCube Collaboration, (!) for SPASE Collaboration

### Summary

### Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivio, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 2 (OG part 1), pages 735-738

**Primary author(s) :** Dr. BAI (\*!), Xinhua (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware); Dr. GAISSER (\*!), Thomas (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware); Dr. HINTON (!), James (Max-Planck-Institut für Kernphysik, Heidelberg, Germany); Dr. NIESSEN (\*), Peter (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware); Dr. STANEV(\*!), Todor (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware); Dr. TILAV(\*!), Serap (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware); Dr. WATSON (!), Alan (School of Physics & Astronomy, University of Leeds, LS2 9JT UK)

**Presenter(s) :** Dr. BAI (\*!), Xinhua (Bartol Research Institute, Department of Physics and Astronomy, University of Delaware)

**Session Classification :** OG 2.2

**Track Classification :** OG.2.2